

PI 536521. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Hartwig, E.A., USDA-ARS, Delta Branch Miss. Agr. & For. Exp. Sta., P.O. Box 196, Stoneville, Mississippi, United States.
remarks: Developed by the USDA-ARS and the Delta Branch, Mississippi Agricultural and Forestry Experiment Station and released in 1989. Received November 15, 1989.

donor id: D76-8070. **origin:** United States. **pedigree:** Advanced F5 line derived from multiple crossing of 4 lines: Hill/Sioux; FC 31745/D49-2510; Hill/PI 96983 and D49-2491/ PI 163453. **other id:** GP-121. **group:** CSR-SOYBEAN. **remarks:** Productive germplasm with high protein for use in breeding programs. Agronomically superior to introduced high-protein lines. Maturity group V. Plant growth determinate. Flowers white. Pubescence tawny. Seeds yellow with black hila. Field resistance to phytophthora rot (*Phytophthora megasperma*) and bacterial pustule (*Xanthomonas campestris*). Mean seed yield 2550 kg/ha compared to 2750 kg/ha for Forrest. Annual. Breeding Material. Seed.

PI 536522 to 536524. *Gossypium hirsutum* L. MALVACEAE Cotton

Donated by: Bridge, R.R., Delta Branch, Miss. Agric. and Forestry Expt. Sta., Stoneville, Mississippi, United States. **remarks:** Developed by the Delta Branch, Mississippi Agricultural and Forestry Experiment Station and released in 1989. Received November 15, 1989.

PI 536522 **origin:** United States. **cultivar:** DES 920. **pedigree:** DES-S11-9/Stoneville 8701, F2 with reselection in F6. **other id:** GP-418. **group:** CSR-COTTON. **remarks:** Germplasm with good yielding ability over a wide range of environments and pest resistance for development of conventional and hybrid cultivars. Plant height taller and maturity later than DES 119. Boll size, lint yield and micronaire value greater than DES 119. Resistant to fusarium wilt (*Fusarium oxysporum* f. sp. *vasinfectum*) and tarnished plant bug (*Lygus lineolaris*). Annual. Breeding Material. Seed.

PI 536523 **origin:** United States. **cultivar:** DES 926. **pedigree:** DES-S11-9/Stoneville 8701, F2 with reselection in F6. **other id:** GP-419. **group:** CSR-COTTON. **remarks:** Germplasm with good yielding ability over a wide range of environments and pest resistance for development of conventional and hybrid cultivars. Plant height taller and maturity later than DES 119. Boll size, fiber length, tensile strength and micronaire value higher than DES 119. Susceptible to *Fusarium* wilt (*F. oxysporum* f. sp. *vasinfectum*). Annual. Breeding Material. Seed.